AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A laundry dryer comprising:

a temperature sensor for sensing an internal temperature of the laundry dryer and outputting a sensed temperature signal indicative of the internal temperature; and

a microcomputer for controlling a plurality of drivers associated with a heater, motor and exhaust fan according to the sensed temperature signal from said temperature sensor, wherein said microcomputer stops the heater and the motor, thereby initiating a cooling procedure, and the exhaust fan driver operates during the cooling procedure, such that the exhaust fan draws air out of a drum in the dryer.

2. (Previously Presented) The laundry dryer as claimed in claim 1, wherein said microcomputer controls the plurality of drivers by comparing the sensed internal temperature with a predetermined temperature value.

3. (Previously Presented) The laundry dryer as claimed in claim 2, wherein the predetermined temperature value corresponds to an internal temperature of 50°C.

4. (Previously Presented) The laundry dryer as claimed in claim 1, wherein the sensed temperature signal indicates the internal temperature of the laundry dryer during the cooling procedure.

5. (Canceled)

6. (Previously Presented) The laundry dryer as claimed in claim 1, wherein said microcomputer drives the exhaust fan during the cooling procedure.

7. (Previously Presented) The laundry dryer as claimed in claim 1, wherein the sensed temperature signal indicates the internal temperature of the laundry dryer after completion of a drying procedure.

8. (Previously Presented) The laundry dryer as claimed in claim 7, wherein the heater, motor, and exhaust fan are driven during the drying procedure.

9. (Currently Amended) A method of controlling a laundry dryer, comprising steps of:

performing a drying procedure, wherein a motor, a heater and an exhaust fan are driven during the drying procedure;

performing a cooling procedure, wherein the motor and heater are stopped during the cooling procedure;

driving ~~an~~ the exhaust fan to draw air from a drum in the dryer during the cooling procedure;

sensing an internal temperature of the laundry dryer during said cooling procedure step;

comparing the sensed internal temperature with a predetermined temperature value; and

stopping said cooling procedure step if the sensed temperature is lower than a predetermined temperature.

10. (Previously Presented) The method as claimed in claim 9, wherein the predetermined temperature value corresponds to an internal temperature of 50°C.

11. (Currently Amended) The method as claimed in claim 9, further comprising ~~the step of performing a drying procedure,~~ the drying procedure being completed before initiation of said cooling procedure step.

12. (Currently Amended) The method as claimed in claim 9, further comprising the step of controlling a plurality of drivers associated with ~~a~~ the heater, motor, and the exhaust fan according to the sensed internal temperature signal.

13. (Canceled)

14. (Canceled)

15. (New) A laundry dryer comprising:

a drum;

a heater for heating air introduced into the drum;

a motor for rotating the drum;

an exhaust fan for drawing air out of the drum;

a temperature sensor for sensing an internal temperature of the drum during a drying procedure and a cooling procedure, wherein the sensor outputs a sensed temperature signal indicative of the internal temperature of the drum during the drying procedure and the cooling procedure;

a microcomputer receives the sensed temperature signal indicative of the internal temperature of the drum and actuates a plurality of drivers associated with the heater, the motor and the exhaust fan according to the sensed temperature signal during the drying procedure, following the drying procedure, the cooling procedure begins, wherein the actuation of the exhaust fan continues throughout the entire cooling procedure, the actuation of the heater and the motor is discontinued throughout the entire cooling procedure.